

M A T E R I A L S A F E T Y D A T A S H E E T

KOLENE CORPORATION - 12890 Westwood Ave. - Detroit, Michigan 48223
24 HOUR EMERGENCY PHONE: 313-273-9220

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FIRE AND EXPLOSION DATA (Continued)

FIRE FIGHTING PROCEDURES

Product may produce oxides of nitrogen and carbon therefore inhalation should be avoided. Preferably use inert solids such as sand to lower temperature to extinguishing point.

EXPLOSION INFORMATION

Material is non-explosive in normal use but mixtures with strong reducing agents and organics could produce violent reactions.

HEALTH AND HAZARD INFORMATION

HEALTH HAZARD DATA

Mixture has corrosive properties and is destructive to eye and body tissue.

Acute Oral LD₅₀ 140-340 mg/kg (RAT)

Acute Dermal LD₅₀ 1.35 gm/kg (RABBIT)

Permissible Exposure Limits - 2 mg/m³ - 8 Hour TWA (Time Weighted Average)

EXPOSURE METHODS

- Eye Contact - Destructive to eye tissue. Causes severe burns that may result in damage to eyes and even blindness.
- Skin Contact - Destructive to tissues contacted and may produce severe burns.
- Ingestion - Swallowing can cause severe burns and damage to mucous membranes of mouth, throat, and stomach.
- Inhalation - Airborne concentrations of dust, mist, or spray can cause damage to the upper respiratory tract and possible lung damage.
- Chronic - Effect of long term low level exposure not determined. May cause Anemia, Methemoglobinemia, or Nephritis. Safe handling of this material on a long term basis should emphasize the avoidance of the above.

EMERGENCY AND FIRST AID PROCEDURES

EYE OR SKIN CONTACT - Immediately flush with large amounts of water (for at least 15 minutes with eyelids open in case of eye exposure), call a physician. Remove any contaminated clothing for cleaning prior to reuse.

INHALATION - Remove person to fresh air, provide artificial respiration and oxygen if necessary. Seek medical attention.

INGESTION - If conscious, do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person.